

Date: Fri, 24 Sep 93 04:30:07 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1134
To: Info-Hams

Info-Hams Digest Fri, 24 Sep 93 Volume 93 : Issue 1134

Today's Topics:

 BKMULTY: looking for views/reviews
 Daily Solar Geophysical Data Broadcast for 23 September
 HR2600 problem
 HTs Airlines and Morris
 Mods??
 SUMMARY - MFJ QRP rigs any good?
 Ten Tec Scout 555 Information
 Wireless cable

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 23 Sep 93 07:21:11 CDT
From: tcsi.tcs.com!iat.holonet.net!vulcan!gary@uunet.uu.net
Subject: BKMULTY: looking for views/reviews
To: info-hams@ucsd.edu

rdewan@casbah.acns.nwu.edu (Rajiv Dewan) writes:

> I am considering to buy a copy of BK-MULTY software from
> AC4IW for RTTY/AMTOR with my TU (HD3030, TU470 compatible).
> I am looking for any views/reviews of it or similar software.
>
> Any comments, especially with its compatibility with Windows,
> will be greatly appreciated.
>
> Rajiv

> aa9ch
> r-dewan@nwu.edu

Well, I have been using BMKMULTY for about 2 years, and I like it. Oneth air QSO's with other hams that use BMKMULTY generally indicate that they favor it over multi-mode controllers, but I don't have a multi-mode controller to compare it to. It provides a low cost way to get into AMTOR, and now PACTOR. It has some neat features, like mode-specific setups and automatic call sign detection.

My two cents worth ...

73 de ko4cy
gary@vulcan.com

Date: 24 Sep 93 05:22:57 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 23 September
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 266, 09/23/93
10.7 FLUX=078.1 90-AVG=094 SSN=030 BKI=0002 2234 BAI=007
BGND-XRAY=A3.2 FLU1=6.9E+05 FLU10=1.4E+04 PKI=1011 3234 PAI=008
BOU-DEV=004,003,004,010,016,015,023,046 DEV-AVG=015 NT SWF=00:000
XRAY-MAX= C1.0 @ 1528UT XRAY-MIN= A1.2 @ 0647UT XRAY-AVG= A8.2
NEUTN-MAX= +002% @ 2125UT NEUTN-MIN= -002% @ 1735UT NEUTN-AVG= +0.3%
PCA-MAX= +0.1DB @ 2330UT PCA-MIN= -0.5DB @ 1930UT PCA-AVG= -0.0DB
BOUTF-MAX=55371NT @ 1302UT BOUTF-MIN=55353NT @ 1852UT BOUTF-AVG=55361NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+104,+000,+000
GOES6-MAX=P:+207NT@ 1548UT GOES6-MIN=N:-105NT@ 2305UT G6-AVG=+121,-006,-040
FLUXFCST=STD:078,076,076;SESC:078,076,076 BAI/PAI-FCST=020,015,010/025,015,015
KFCST=3455 4333 3445 3223 27DAY-AP=017,009 27DAY-KP=2023 4543 3212 3323
WARNINGS=
ALERTS=**MAGSI:8NT@1029UTC;**MAGSI:11NT@1231UTC
!!END-DATA!!

NOTE: The Effective Sunspot Number for 22 SEP 93 was 44.1.
The Full Kp Indices for 22 SEP 93 are: 2- 2o 3o 2+ 2- 2o 1+ 2o

Date: Thu, 23 Sep 1993 01:14:49 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!sol.ctr.columbia.edu!emory!
wa4mei!kd4nc!n4tii@network.ucsd.edu
Subject: HR2600 problem
To: info-hams@ucsd.edu

fred-mckenzie@ksc.nasa.gov (Fred McKenzie) writes:

>In article <1993Sep22.134252.24219@kd4nc.uucp>, n4tii@kd4nc.uucp (John
>Reed) wrote:

>> It does not matter which way I turn the knob, but whichever way I do turn it,
it always wants to dial up.

>John-

>As I understand it, the knob is attached to a slotted disk, with a pair of
>LED's shining through the slots, detected by corresponding photo-diodes.
>Because of the locations of the LED's, the time relationship between the
>output pulses is an indication of A) the fact that the knob was turned, and
>B) the direction it was turned.

>I suspect that one of the LED/photo-diode sets is not working. It could be
>as simple as a piece of trash or a small insect blocking the light path.
>It could be a bad LED, a bad photo-diode, or other component in that
>circuit. It could be a bad solder connection in the same area.

>The HR-2600 seems to have a reputation for problems. I finally got one
>with no major bugs, on the third try. Each of the first two had a
>different problem. The microphone element on the third unit went bad after
>a few months, and it still has a jury-rigged replacement. They apparently
>don't sell a genuine replacement microphone or element.

>I finally solved the problem by getting a Kenwood TS-50S. It is really a
>dream rig for mobile use.

Thanks for your help, Fred. As you may remember, this is the same HR2600 that has
given me a little trouble in the past, either from distorting due to high RFmas
well as having all the power pots "peaked to performance" in it.

I'll take out the rotary knob and take a peak at it....hopefully I'll be able
to ascertain the problem. I do hope that it is not my Chipswitch custom IC that
is causing the problems.

Thanks again for your input.....

John, n4tii

n4tii%kd4nc.uucp@gatech.edu

>73, Fred, K4DII

Date: Thu, 23 Sep 1993 15:10:40 GMT
From: spsgate!mogate!newsgate!news@uunet.uu.net
Subject: HTs Airlines and Morris
To: info-hams@ucsd.edu

In article <1993Sep23.042118.27325@mnemosyne.cs.du.edu> rchalk@nyx.cs.du.edu (richard chalk) writes:

> ...
> I recently (tuesday)
> flew on Delta, and they have finally defined quite specifically the
> items which may and may not be operated during flight. They specifically
> prohibit commercial, amateur, CB, and 49 MHZ transceivers, as well as
> "devices intended to radiate RF energy on a specific frequency", oh,
> and Radio Controlled toys. They specifically permit scanners,
> ...
> Oh yes, Radio and TV receivers are not allowed either.
> ...

Aren't scanners radio receivers????

Mark

Date: Thu, 23 Sep 93 01:28:59 GMT
From: netcomsv!netcom.com!netcomsv!bongo!skyld!janguis@decwrl.dec.com
Subject: Mods??
To: info-hams@ucsd.edu

In article <1993Sep20.182416.1297@camins.camosun.bc.ca> ue851@freenet.Victoria.BC.CA writes:

> I was wondering if someone could explain to me what a "mod" is

It's a device whereby the amateur can prove his great depth of knowledge by voiding the warranty on his new radio. Usually to allow the radio to transmit outside of the amateur bands he is authorized. And usually defended as "Well in case of emergency I might need to". Unlike the mods of the radios of the "good old days" (insert time frame of choice here) which usually were designed to add features or fix a minor design error, the new mods usually just expand coverage. As an example, I see many pages of mods for the new hand helds to expand coverage. I haven't seen any to fix the poor speaker audio or intermodulation product problems that plague these DC to Daylight capable radios.

73 es GE from Jeff

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA | "It is difficult to imagine our
Internet: jangus@skyld.tele.com | universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749 | potent god. I see it more as a
Phone: 1 (310) 324-6080 | badly run corporation."

Date: 24 Sep 1993 07:33:09 GMT
From: jgervais@ucsd.edu
Subject: SUMMARY - MFJ QRP rigs any good?
To: info-hams@ucsd.edu

Enough replies have come in to establish some trends in opinions, so I thought I'd share them with all who care (and probably a few who don't :-). Thanks to all of those who took the time to write (I'm still trying to thank everyone personally. Sorry if I've missed someone).

Seven of the replies came from owners. Most had the 20m rig, and most had purchased the optional audio filter. Other folks mentioned the review in the July '93 issue of QST of one of the MFJ QRP rigs. Overall this review matched quite well with what the owners had to say. The Tejas Backpacker II QRP rig is a solid competitor, for those who are interested. Currently only available in kit form though (about \$150 US).

Strong points:

- Well constructed.
- Good performance.
- Good price. (Around \$150 US from mailorder places.)

Weak points:

- Weak audio out of the speaker, alleviated by using headphones. This problem has been addressed by MFJ recently, so newer rigs shouldn't be as bad.
- Semi break-in is noisy. Also addressed by MFJ, so again, newer rigs should be a bit more quiet.

Overall:

- A good value for the money. While other QRP rigs may be better in some respects, the MFJ rigs aren't slouchers by any means. Every owner was happy with it. Which is obvious I guess, otherwise they wouldn't have them anymore! Anyway, there were no negative reports at all, so they appear to be a safe bet.

As for me, looks like my mountain bike and I are going to be operating remote/portable with an MFJ 9020 as soon as I pass that general exam in a few weeks.

Regards,

Joe Gervais jgervais@ucsd.edu
KD6PRD ==> 13 WPM or Bust!

"The largest hack begins with a single kludge."
- Not quite Confucious

Date: 24 Sep 93 10:32:50 GMT
From: news-mail-gateway@ucsd.edu
Subject: Ten Tec Scout 555 Information
To: info-hams@ucsd.edu

Does anyone have any experience with the new Ten Tec mobile radio: Scout 555?

I was looking for a ten meter mobile for this winter. Several people told me that with the ten meter band not being that good this winter I should look into the Scout 555. It's a HF mobile that cover 10m thru 80m. It comes with one module for any band.

The Ten Tec ad says \$495.00 including one module, \$25.00 for each extra module. How good are there radios? Are there any used ones out there? Any good or bad expeience?

Thanks in advance,

Rick Bonczek
KA1FVC @W1E00.CT
bonczek@hsdwl.a1.utc.com
Compuserve: 71543,140

Slowly the government is taking away
all our freedom by giving us
everything from the womb to the tomb.

Date: Thu, 23 Sep 93 16:42:05 GMT
From: walter!porthos!dancer!whs70@uunet.uu.net
Subject: Wireless cable
To: info-hams@ucsd.edu

In article <CDtCE7.Btr@spk.hp.com> dubner@spk.hp.com (Joe Dubner) writes:
>David DiCarlo (r14793@waccvm.sps.mot.com) wrote:
>: This is a little off the ham topic, but I was wondering if anyone
>: knew what the FCC assigned frequencies are for wireless cable?
>:
>: I have a catalog that has a downconverter system that covers 55 channels
>: in the 2.1 to 2.7 GHz range. I called the local wireless cable company
>: and they said they use 1.8 GHz (but I am not sure they understood what I
>: was asking). Short of buying the thing and trying it, does anyone know
>: what
>: the standard band for it is?
>

Today's newspaper carried a story about the impending FCC announcement of
its selling of 120MHz of frequencies in the 1.8GHz to 2.2GHz range for
PCS (Personal Communications Service) providers. That dovetails with all
the prior info I've heard relative to the deployment of wireless services.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

Date: 23 Sep 93 17:34:42 GMT
From: yeshua.marcam.com!wrdis02.robins.af.mil!wrdis01!sberman@uunet.uu.net
To: info-hams@ucsd.edu

References <1993Sep17.204130.16148@cyphyn.radnet.com>,
<27gneo\$b23@hobbes.cc.uga.edu>, <holdwick_marc-200993114327@136.182.219.61>
Subject : Re: Antenna Covenants AGAIN (but now with a twist!)

In article <holdwick_marc-200993114327@136.182.219.61>
holdwick_marc@macmail1.rtsg.mot.com (Marc Holdwick) writes:

>
>I was reading the PRB-1 info from the league and I understand how PRB-1
>doesn't help with covenants. But I must take issue with one statement:
>"we (the FCC) have no interest in covenants, because it is by the
>buyers/leasers choice to buy/lease the property" (paraphrased).
>This might have been the case 15 years ago, but I'll be willing to bet that
>most ANY new housing has covenants restricting (usually banning) antennas.

>I'm sure most developers (like apartment landlords) use "boilerplate" legal
>documents from a real estate manual of some sort. It's starting to seem
>like less and less of a "choice" anymore...

I live in an apartment which has cable included in the rent. They obviously don't want big log periodic antennas on the roof (it's a pretty nice place, well maintained). When I first asked permission to put up a 2m 5/8wave ground plane antenna, they said "NO." So I got out the antenna and showed it to them--"this is it." The manager's response was "you're not gonna have wires hanging down the side are you?" So I bought conduit that matches the building, ran the antenna up, and management hasn't complained. Now, once the camel's nose is in the tent, I think I could get away with maybe a dual 8' HF ground-plane antenna. Granted, it's not a 60' tower and long-wire, but if you live in an apartment, you're lucky to have anything at all on the roof.

My point about covenants is: if you buy the house and put up something that doesn't p--s off all the neighbors, you'll probably get away with it. Heck, I've seen whole areas become infested with hams when one puts up an innocent Ringo Ranger (his ham buddy next door just has to have a 60' tower). Covenants to a property can be removed legally and usually all it takes is the neighborhood's consent. I've not yet seen a town that won't let a ham radio operator live in it (what they get in return is far more than they have to put up with).

73 de Steve KD4YLB, RED STAR 522 (CAP).

* The opinions expressed here are not NOT *NOT* representative of Century *
* Technologies, Inc., the US Government, or the Civilized World. *

```
/=====\  
|                                     Steve Berman      |  
|  |\\.          sberman@wrdis01.robins.af.mil        |  
|  |#\ ^\        WR-ALC/LKS                            |  
|  |##\ ^\       Robins AFB, GA                        |  
|  |###>//////> CENTECH                               |  
|  |##//////// Century Technologies, Inc.              |  
|  |#//////      Depot Support                        |  
|  |//           (912) 926-1237                       |  
|                                                     |  
\=====/  
-----
```

Date: Thu, 23 Sep 93 16:29:33 GMT
From: mnemosyne.cs.du.edu!nyx!jmaynard@uunet.uu.net
To: info-hams@ucsd.edu

References <9309211932.AA10879@maverick.aud.alcatel.com>,
<1993Sep22.120728.22045@lmpsbbs.comm.mot.com>, <27s5v5\$rrq@gopher.cs.uofs.edu>d

Subject : Re: Antenna Covenants AGAIN (but now with

In article <27s5v5\$rrq@gopher.cs.uofs.edu> bill@triangle.cs.uofs.edu (Bill Gunshannon) writes:

>You should probably discuss this with a lawyer, but I don't think your likely to
>see this law pass. First, all existing covenants would have to be grandfathered
>because the Constitution prohibits "ex post facto" laws. That specifically means
>you can't make something illegal after the fact.

Untrue. The Civil Rights Act of 1964 specifically voided all covenants and deed restrictions that were discriminatory.

> And second, covenants are part
>of contract law. I hardly think the state of Florida is going to successfully,
>single-handedly re-write the concept of contract law.

They can and might. Contract law is subject to the laws of the state where the contract is concluded (or a specified state if one of the parties does business in that state and the other party agrees).

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.

"I picked this up at least eight times on my machine. Is this an RFD, or
a mantra?" -- Robert L. McMillin

End of Info-Hams Digest V93 #1134
